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## **U.S. PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	7/10/84	4,458,678	Yannas et al.			
	2.	03/03/87	4,646,743	Parris			
	3.	12/19/89	4,888,354	Chang et al.			
	4.	6/05/90	4,930,504	Diamtopulos et al.			
	5.	11/13/90	4,969,912	Kelman et al.			
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· · · · · · · · · · · · · · · · · · ·	8.	11/30/93	5,266,480	Naughton et al.			
· ·	9.	7/26/94	5,332,802	Kelman et al.			
· · · · · · · · · · · · · · · · · · ·	10.	11/22/94	5,336,498	Brannan et al.			
	11.	03/14/95	5,397,352	Burres			
	12.	8/29/95	5,445,146	Bellinger			
	13.	08/19/95	5,445,634	Keller			
	14.	10/24/95	5,460,939	Hansbrough et al.			
	15.	01/07/97	5,591,44	Boss, Jr.			
· · · · · · · · · · · · · · · · · · ·	16.	08/26/97	5,660,836	Knowlton			
	17.	08/26/97	5,660,850	Boss, Jr.			
	18.	09/09/97	5,665,372	Boss, Jr.			
	19.	05/26/98	5,755,752	Segal			
	20.	08/30/88	4,767,402	Kost et al.			
	21.	08/06/91	5,037,432	Molinari			
	22.	07/13/93	5,226,907	Tankovich			
	23.	08/03/93	5,231,975	Bommannan et al.			
	24.	06/13/95	5,423,803	Tankovich et al.			
	25.	06/20/95	5,425,728	Tankovich			
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	36.	1	Surgery and Medicine			rovement e	of Host Respo	nse to Sep	osis by
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	37.		ol. Surg. Oncol., 13:2						
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	41.	Anesthesic of Topical	ology, V. 78 No. 6, July Applied Aqeous I	ine l	1993, Use of Ultrasou aine, Katsuro Tachiba	nd to Enha ana et al . (	nce the Local marked up)	Anesthet	ic Effect
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	A WADENIEDA			
43.	Science, Vol. 269, August, 1995, Ult Mitragotri et al. (marked up)	rasound-Mediated Transdermal	Protein Delivery, Samir	
44.	Pharmaceutical Research, Vol. 8, No Absorption of Nicotinate Esters, Hea			
45.	Physiotherapy, Vol. 74, No. 11, Nov Topical Pharmaceutical Products, He			
46.	Journal of Pharmaceutical Sciences, Ultrasonically-Enhanced Transderms	Vol. 84, No. 6, June, 1995, A Mal Drug Delivery, Samir Mitrago	lechanistic Study of otri et al. (marked up)	
47.	Pharmaceutical Research, Vol. 9, No Ultrasound-Enhanced Transdermal I			
48.	The International Congress of Esther	tics, October 25-27, 1997, conve	ention program	
49.	Cosmetics & Toiletries, Vol. 113, Ju M. Bruer	ne, . 1998, Ultrasonic Radiation	for Hair Treatments, Miklos	
50.	J. Appl. Cosmetol., Vol. 15, 147-159 Piezoelectric Vibrations, P. Mortgan		e Glycolic Acid Efficacy by	
51.	Rheumatology and Rehabilitation, 1975, 14, 237, The Stimulation of Protein Synthesis in Human Fibroblasts by Therapeutic Ultrasound, W. Harvey et al. (marked up)			
52.	Physical Therapy, Vol. 75, No. 7, July 1995, In Vitro Effects of Therapeutic Ultrasound on the Nucleus of Human Fibroblasts, Patrick G. De Deyne et al.			
53.	The Lancet, July 25, 1987, A Control Ulceration, M.J. Callam et al., pp.20	olled Trial Weekly Ultrasound T 4-206 (marked up)	herapy in Chronic Leg	
54.	Am. J. Phys. Med. Rehabil., Vol. 68 on Tedon Healing, Chukuka S. Enw		fects of Therapeutic Ultrasound	
55.	Acta Chirurgiae Plasticae, 19, 3-4, 1 Differently Localized Experimental	977, Ultrasonic Effect on Colla Granulomas, J.E. Purkyne (mar	gen Synthesis and Deposition in ked up)	
56.	Infections in Surgery, September, 19 Mary Dyson	982, Stimulation of Tissue Repa	ir by Therapeutic Ultrasound,	
57.	Arch Phys Med Rehabil., Vol. 73, Ju	uly 1992, Low Dose Ultrasound	Effects of Wound Healing: A	
	Controlled Study with Yucatan Pigs			
58.	Physiotherapy, April 1978, Vol. 64, of Mechanisms Involved, Mary Dys	No. 4, Stimulation of Tissue Re on et al. (marked up)	epair by Ultrasound: A Survey	
59.	Acta Chirurgiae Plasticae, 15, 2, 1973, Strengthning of Sutured Skin Wound with Ultrasound in Experiments on Animals, V. Drastichova et al.			
60.	<u>Ultrasonics</u> , January, 1980, The Rol of Collagen Synthesis in Human Fit	e of Ultrasound-Induced Cavita problasts D.F. Webster et al. (ma	tion in the In-Vitro Stimulation arked up)	
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61.	Ultrasound in Med. & Biof. Vol. 4 p	n 2/2 251 The Dele of Covitati	on in the In Vitre Stimulation		
01.	of Protein Synthesis in Human Fibro				
62.	J. Dermatol Sci., March 1996, 11(3): Collagen Gene Transcription in Hum				
63.	J. Photocem Photobiol B. February Envelope of Human Skin Fibroblasts		mic Effects on the Nuclear		
64.	J. Biochem (Tokyo), November, 198 of Cytochrome P-450 Having an End T. Omura (Abstract)				
65.	Laryngoscope, December, 1987, 97(12):1454-1459, Biostimulative Effects of Nd:YAG Q-Switch Dye on Normal Human Fibroblast Cultures: Study of a New Chemosensitizing Agent for the Nd:YAG Laser, D.J. Castro et al. (Abstract)				
66.	<u>Vojnosanit Pregl.</u> , November, 1995; 52(6):539-546, Stimulatory Effect of Low-Power Density He- Ne Radiation of Human Fibroblasts in Vitro, M. Hrnjak et al. (Abstract)				
67.	Ann Plast Surg. January, 1987; 18(1):47-50, Biostimulation of Wound Healing in Vivo by a Helium-Neon Laser, R.F. Lyons et al. (Abstract)				
68.	Lasers Surg Med. 1997; 20(1):56-63, Effects of Photostimulation on Wound Healing in Diabetic Mice, W. Yu et al. (Abstract)				
69.	Artif Cells Blood Substit Immobil Biotechnol, July, 1998; 26(4):437-439, In Vitro Experimental Research of Rabbit Condrocytes Biostimulation with Diode Laser Ga-Al-As: a Preliminary Study, G. Morrone et al. (Abstract)				
70.	Lasers in Surgery and Medicine, 22:281-287 (1998), Laser Photostimulation of Collagen Production in Healing Rabbit Achilles Tendons, G. Kesava Reddy et al. (Abstract)				
71.	Lasers in Surgery and Medicine, 22: Laser Energy on Hypertrophic Scar- Counts, Cecilia Webb et al. (Abstract	Derived Fibroblasts: Possible M			
72.	Lasers Surg Med. 1992; 12(5):528-5 are More Important than Total Energ Vitro, H.H. Van Bruegel et al. (Abst	gy Dowse in Photo-Biomodulation	e Time He-Ne Laser Irradiation on of Human Fibroblasts in		
73.	<u>Vojnosanit Pregl.</u> November, 1995; Ne Laser Radiation on Human Fibro				
74.	Dermatol Surg., 1998; 24:1383-1386 Leg Ulcers: Double-Blind Placebo-C				
75.	Lasers Surg. Med., 1997; 20(2):131- Hamster Skin Flap Model by Fluore al.				
76.	Laser Surg. Med. 1997; 21(4): 365-7	73, Selective Laser Photocoagula	ation of Blood Vessels in a		
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	V. MACCONT				
	Hamster Skin Flap Model Using a Sp				
77.	Journal of Drug Targeting, 1994, Vo System for Pharmaceutical and Cosn				
78.	<u>Pharmacuetical Research.</u> 1992, Vol 9. pp. 629-635, Adsorption of Fluorescein Dyes on Albumin Microspheres, Kamel Egbaria et al.				
79.	Pharmacuetical Research, Vol. 10, N Structures Using Polymeric Microsp		Delivery to Pilosebaceous		
80.					
81.	Journal of Pharmaceutical Sciences, Vol. 81, No. 8, 1992, Drug and Vehicle Deposition from Topical Applications:: Use of Vitro Mass Balance Technique with Minoxidil Solutions, Jui-Chen Tsai et al.				
82.	Journal of Pharmaceutical Sciences, Vol. 78, No. 5, 1989, Transdermal Iontophoretic Drug Delivery: Mechanistic Analysis and Application to Polypeptide Delivery, V. Srinivasan et al.				
83.	Science, Vol. 270, 1995, Chemical C	Generation Of Acoustic Waves:	A Giant Photoacoustic Effect,		
	Huxiong Chen et al.				
84.	The Journal of Investigative Dermatology. Vol. 103, No. 2, 1994, Effects of Ascorbic Acid on Profileration and Collagen Synthesis in Relation to the Donor Age of Human Dermal Fibroblasts,				
	Charlotte Philips et al.				
85.	Journal of Pharmaceutical Sciences, Vol. 58, No. 9, 1969, Enhancement of Percutaneous Absorption by the Use of Volatile: Nonvolatile Systems as Vehicles, M.F. Coldman et al.				
86.	Xenbiotica, 1987, Vol. 17, No. 9, 11 Vasodilator) in the skin Following T				
87.	Meth and Find Exp Clin Pharmacol, Griseofulvin and Propranolol Across	1989; 11(10): 643-646, Percuta 3 Human Scalp and Abdominal S	neous Absorption of Coumarin, Skin, Wolfgang Ritschel et al.		
88.	The Journal of Investigative Dermatology, Vol. 99, No. 1, 1992, Topical Delivery Enhancement with Multilamellar Liposomes into Pilosebaceous Units: I. In Vitro Evaluation Using Florescent Techniques with the Hamster Ear Model, Linda Lieb et al.				
89.	Arch Dermatol, Vol. 121, Feb. 1985	, Percutaneous Absorption of M	inoxidil in Man, Thomas Franz		
90.	Skin Pharmacol, 1991; 4:230-234, P Anatomic Sites: Evidence for an Ap				
91.	Journal of Pharmaceutical Sciences, Ethanol Pretreatment of Human Skin		resis of Polypeptides: Effect of		
92.	Skin Pharmacol, 1994; 7:245-256, P Normal and Appendage-Free Skin o	ercutaneous Absorption of Estra f the Hairless Rat: Lack of Impo	ndiol and Progesterone in ortance of Nutritional Blood		
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	Flow, F. Hueber et al.				
93.	Journal of Pharmaceutical Sciences, Salicylic Acid and Licodaine to Loca	al Subcutaneous Structures, Pari	minder Singh et al.		
94.	Arch Dermatol Res. 267, 229-235 (1980), Variations in Percutaneous Absorption of Testosterone in Rhesus Monkey Due to Anatomic Site of Application and Frequency of Application, Ronald Wester et al.				
95.	Pharmaceutical Research, Vol. 9, No. 7, 1992, Transdermal Delivery of Insulin to Allosxan- Diabetic Rabbits by Ultrasound Exposure, Katsuro Tachibana				
96.	96. Photodermatol Photoimmunol Photomed, 1991:8:129-134, Effects of Ultaviolet A and B on the Skin Barrier: a Functional, Electron Microscopic and Lipid Biochemical Study P. Lehman et al.				
97.	Arch Dermatol, Vol. 127, January 1991, Ultrasound Localization of Calcium in Psoriatic and Normal Human Epidermis, Gopinathan K. Menon et al.				
98.	British Journal of Dermatology, 1982, 107, 35-42, A Fluorescence Photographic Photomeric Technique to assess Stratum Corneum Turnover Rate and Barrier Function in Vivo, A Finlay et al.				
99.	Physiological Review, Vol. 51, No.	4, 1971, Permeability of the Skir	n, Robert Scheuplein et al.		
100.	MagBull, 1987, pp. 130-131, Noise-Induced Hearing Loss in Humans as a Function of Serum Mg Concentration, Z. Joachims et al.				
101.	Clin, Cardiol, 20, 285-290 (1997), E	Clin, Cardiol, 20, 285-290 (1997), Electrophysiology, Pacing and Arrhythmia, Dan Roden, MD			
102.	The Yale Journal of Biology and Medicine, 58 (1985), 553-559, Regulation of Collagen Biosynthesis by Ascorbic Acid: A Review, Sheldon Pinnell				
103.	Archives of Biochemistry and Biophysics, Vol. 295, No. 2, 1992, pp.397-403, Ascorbic Acid and Transforming Growth Factor-B1 Increase Collagen Biosynthesis via Different Mechanisms:				
	Coordinate Regulation of Proal(I) a	nd Proa1(III) Collagens, Charlot	te Phillips et al.		
104.	Archives of Biochemistry and Bioph Collagen Synthesis: Rethinking a Ro	nysics, Vol. 307, No. 2, 1993, proble for Lipid Peroxidation, Doug	. 331-335, Ascorbic Acid and plas Darr et al.		
105.	Toxicology and Applied Pharmacolo Mouse Skin: Influence of Skin appe		percutaneous Absorption in		
106.	Journal of Pharmaceutical Sciences, Percutaneous Absorption, Brigette I	Vol. 80, No. 5, 1991, Follicles	Plan an Important Role in		
107.	Journal of Pharmaceutical Sciences, Vol. 81, No. 7, 1992, Studies of In Vitro Skin Permeation and Retention of a Leukotriene Antagonist from Topical Vehicles with a Hairless Guinea Pig Model, Saran Kumar et al.				
108.	Ultrasound in Med. Biol., Vol. 22, No. 2, pp.151-164, 1996, Physical Characteristics and Biological Effects on Laser-Induced Stress Waves, A. Doukas et al.				
109.	J. Soc. Cosmet. Shem., 29, 265-282 Absorption of Several Oils Useful for	, May 1978, Autoradiographic S or Cosmetics, M. Suzuki et al.	tudy on Percutaneous		
EXAMINER:		DATE CONSIDERED:			
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110.	Lasers in Surgery and Medicine, 20: Arsenide Laser Irradiation on Cultur	426-432, 1997, Effects of Low-Fed Fibroblasts and Keratincytes,	Energy Gallium-Aluminum- M. Pogrel et al.		
111.	Advance Rehabilitation, July/August Guffey et al.	1 1991, More Than a Thermal M	odality: Ultrasound, Stephen		
112.	Electrotheraphy, Vol. 11, No. 4, July	/August 1991, Ultrasound: Curr	ent Concepts, Nancy Gann		
113.	The Journal for Prevention and Heal Promotion of Wound Healing with E	ing Advances, Vol. 9, No. 5, De Rectrical Stimulation, Luther Kl	ptember/October 1996, oth et al.		
114.	Advance for Physical Therapists, Ma Ultrasound, Michelle Pronsati	Advance for Physical Therapists, March 23, 1992, Iniformity Needed in Therapeutic Use of Ultrasound, Michelle Pronsati			
115.	JOSPT. Vol. 12, No. 3, March 1995, Temperature Changes in Deep Muscles of Human During Ice and Ultrasound Therapies: an In Vivo Study, David Draper et al.				
116.	Reprint from the <u>Journal</u> . Physikalise Application of Ultrasound and Stimu	che Medizin und Rehabilitation Llation Currents, K. Gierlich et a	Heft 9/68, The Combined 1.		
117.	Advance Rehabilitation, April, 1995 Ultrasound, John Murphy	, From Submarines to Rehab: No	ew Developments in		
118.	Department of Anatomy, Guy's Hos of Ultrasound on the Rate of Wound	pital Medical School, London, E Healing and the Quality of Scar	ngland, pp.110-122; The Effect Tissue, M. Dyson		
119.	The Twentieth Annual Pharmaceutic Missour-Kansas School of Pharmacy Penetration of Ibuprofen Through H	y, June 10-12, 1988, The Effect	of Ultrasound on the In Vitro		
120.	In Vitro Cell. Dev. Biol., 28A:679-6 Liposomes Specifically Target Hair	81, November-December, 1992 Follicles in Histocultured Intact	Productive-Delivering Skin, Lingna et al.		
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